



## WORK-RATED®

### TOP RUNNING TROLLEY HOIST CAPACITIES 3 TON to 30 TON

"Work-rated" hoists is a complete line of electric wire rope hoists. It is an advanced design incorporating the most recent materials and concept. The most current duty cycle and safety requirements of users are built into this line, not added on.

#### CONSTRUCTION FEATURES:

**CONTROLS:** Choose from single, 2-speed or 5-step variable speed. Controls are magnetic reversing type, mechanically and electrically interlocked with 115 control circuit. All wiring conforms to applicable NEC and CSA requirements. Included are time delay fuses for branch circuit overcurrent protection and motor running overcurrent protection. NEMA Type 3R enclosures are standard. Cover is lightweight, tough ABS material, deep-drawn for maximum control accessibility.

**MOTOR:** Standard NEMA flange Class B insulation, 30-minute duty motor is provided for standard commercial power supplies. The motor has a standard NEMA shaft extension.

**HOIST GEAR TRAIN:** Quiet, compact helical gearing and external spur drum gear are enclosed in the same oil-tight housing. All gearing is machine cut, heat-treated alloy steel with shock-resistant ductile cores. Gearing is designed to AGMA standards for maximum life, and operates in an oil bath. Rugged aluminum alloy housing provides rapid heat dissipation.

**BEARINGS:** Precision heavy-duty ball bearings support all shafts. All bearings are either splash lubricated, or lifetime pre-lubricated and sealed.

**DRUM:** The large diameter steel drum has deep machined grooves and large flanges. At least two full turns of rope remain on the drum at the lowest hook position of rated lift.

**HOOK:** Drop forged heat-treated steel hook swivels 360° on a shielded roller thrust bearing. Spring latch is standard.

**WIRE ROPE:** Either improved plow steel with fiber center or XIP (extra improved plow) steel with steel center is supplied, depending on hoist capacity. Both are preformed. Swaged fittings are supplied at both ends.

**MECHANICAL LOAD BRAKE:** Automatic Weston-type multiple disc brake can hold a full capacity load independent of motor brake. This brake assures that load does not accelerate while being lowered. No wear compensation adjustment is required.

**MOTOR BRAKE:** Acco rectified D.C. magnet-actuated disc brake has been proved in millions of hours of in-service operation. It delivers rapid stops with minimum or zero hook drift. Series 3300000 thru 3500000 hoist have aluminum alloy brake cover with fins; and brake is separated from gear housing for rapid cooling. This multiple coil brake is rated a minimum of 150% of full load motor torque.

Series 3300000 thru 3500000 hoist also have an exclusive brake-sensing switch that prevents the motor from operating against the brake should brake adjustment be necessary.

**LIMIT SWITCH:** A gravity-type upper hook travel limit switch is provided and designed with an automatic momentary lowering circuit. An optional geared limit switch which can be factory or field mounted is also available.

**OVERLOAD CUTOFF:** Exclusive patented Acco unit is standard on all *Work-rated* hoists except single-line models. The overload limiting device shall be designed to permit operation of the hoist within its rated load and to limit the amount of overload that can be lifted by a properly maintained hoist, under normal operating conditions.

The overload limiting device may allow the lifting of an overload, but shall be designed to prevent the lifting of an overload of such magnitude that could cause damage to a hoist, trolley, or supports. This does not imply that any overload is to be intentionally applied to the hoist.

The overload limiting device is an emergency device and shall not be used to measure the maximum load to be lifted and shall not be used to sense the overload imposed by the constrained load.

**TROLLEY FRAME:** The Trolley Frame shall be built of ductile structural shapes and welded into a stable assembly of sufficient strength to comply with general strength requirements and to provide proper wheel and bearing alignment for trolley wheels and drives during the life of the trolley hoist.

**TROLLEY WHEELS:** Trolley wheels shall have tread surfaces hardened to 375 to 425 Brinell. Each wheel shall be supported on ball bearings suitable to take radial and thrust loads. The wheels shall be lubricated at the factory with a sodium base grease.

Wheel treads shall be smooth, true and uniform within .010 inch tread diameter on all wheels.

**TROLLEY DRIVE:** The trolley drive motor shall be fully enclosed 30 minute duty cycle rated, with class B insulation complying with NEMA performance specifications. The motor shall be integral with a fully enclosed oil splash lubricated gear reduction. The motor and the gear reduction shafts shall be supported by permanently lubricated precision ball or roller bearings. Single and two speed motors shall be provided with cushion start, ACM solid state control, providing smooth travel motion and excellent load control. The drive shaft shall provide drive from the gear reducer to the wheel gear reduction. The wheels are driven through rotating axles. The trolley drive shall include an integrally mounted spring set electrically released A.C. disc brake.

**TROLLEY GEARING:** All gears shall be cut from solid blanks with 20 degree pressure angle involute shape for high strength and shall comply with AGMA specifications for load ratings. All gears operating at higher than 200 FPM pitchline speed shall be fully enclosed in oil tight housings and lubricated by splash principle.

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

**WARNING:** Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original equipment manufacturer or qualified professional engineer.

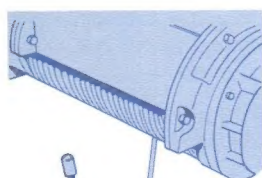


### HOW TO SPECIFY A *Work-rated* Trolley Hoist

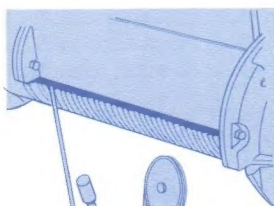
#### 1. DETERMINE THE CAPACITY, LIFTING SPEED AND LIFTING DISTANCE.

**2. SPECIFY HOIST SERVICE CLASSIFICATION.** *Acco* electric hoists are *Work-rated* according to their designed capabilities to provide the user with maximum performance for minimum maintenance and down time. See Master Catalog Section 60-1 through 8 for performance specifications.

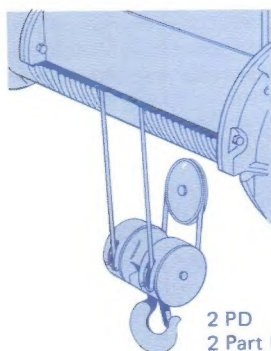
**3. DETERMINE THE REEVING REQUIRED FOR YOUR APPLICATION.** *Work-rated* hoists may be reeved in various ways to gain desired mechanical advantages ... capacity, lifting distance, and lifting speeds.



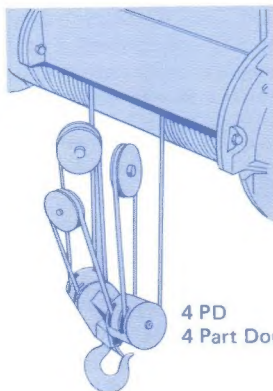
2 PS  
2 Part Single



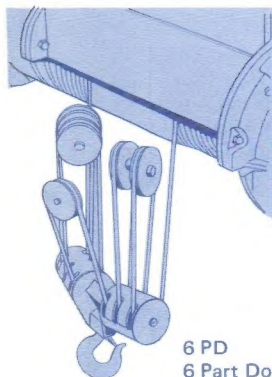
4 PS  
4 Part Single



2 PD  
2 Part Double

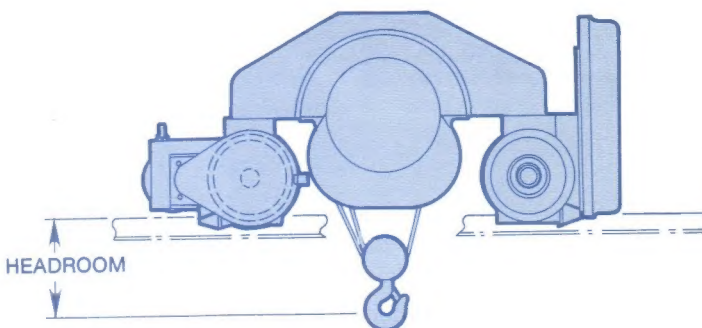


4 PD  
4 Part Double



6 PD  
6 Part Double

Hoist reeving may be either single or double reeving. The rated load of the hoist is determined in part by the number of parts (lines) of rope. The hoist speed is determined by the rotational speed of the drum and the reeving of the hoist.

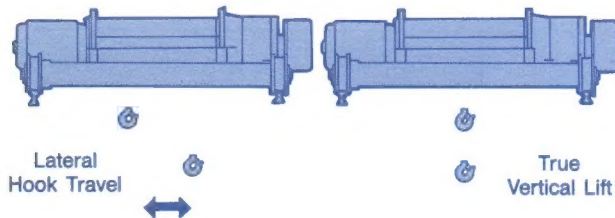


	Standard Headroom Single Reeved	Close Headroom Double Reeving
Reeving:	2 PS or 4 PS	2 PD, 4 PD, or 6 PD
Minimum Headroom:	Fair	Best
Lateral Hook Travel:	Hook travels	None
Cost:	Lowest	Higher

**HEADROOM:** Some applications require that the distance from the top of bridge rail to saddle of the hook be held to a minimum. This dimension will determine whether a standard or close headroom is required.



**LATERAL HOOK TRAVEL:**



Some applications require that the load, when being lifted, not move right or left from hoist centerline. If this requirement is known, a true vertical lift hoist must be used. These are described as two part double (2PD), four part double (4PD), or six part double (6PD).

**4. SPECIFY PROPER PRODUCT NUMBER** in regard to hoist.

Capacity, lifting speed, trolley speed and hoist control are found in the following pages.

**5. SPECIFY MOTOR VOLTAGE:** Acco standard motors are available in 200/230/460/575-3-60 power with Class B insulation, and are totally enclosed non-ventilated. Control is furnished as standard equipment. Additional motor and control accessories and modifications are found in Section 35 in "C Motor" and "D Controllers" subdivisions.

**6. WHEEL GAGE:** Top running trolley hoists are available in 60", 78" and 96" wheel gages depending on lift of the hoist. The wheel gage (WG) of top running hoist determines beam spacing (BS) of Series 543, 544 and 553 top running cranes.

**7. SPECIAL APPLICATION HOISTS:** Many other lifting speeds and lifting distances that are not found in following pages are available on application. They require special application consideration. Contact your nearest Acco representative.

**3  
TON****TOP RUNNING TROLLEY HOIST****4 PART SINGLE REEVING - 3/8"**

34-4

**PRODUCT NUMBERS AND CLEARANCES**

Lift in Feet	Hoist Suspension	Lifting Speed	15	15-5	15	20	20-7	20
		Hoist Control HP	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed
			5	5-1-2/3	5	6-1/4	6-1/4-2	6-1/4
<b>H3</b>	27 Motor - 70 FPM SS Motor - 125 FPM SS B C HT WG					3370010 3370040 23-3/4 37-3/8 2-1/2 60	3370020 3370050 30-5/8 37-3/8 2-1/2 60	3370030 3370060 29-3/8 37-3/8 2-1/2 60
			3370070 3370100 23-3/4 37-3/8 2-1/2 60	3370080 3370110 28-3/8 37-3/8 2-1/2 60	3370090 3370120 24-3/4 37-3/8 2-1/2 60			
						3370130 3370160 24-5/8 43-5/8 3-3/8 60	3370140 3370170 31-3/8 43-5/8 3-3/8 60	3370150 3370180 30-1/8 43-5/8 3-3/8 60
			3370190 3370220 24-5/8 43-5/8 3-3/8 60	3370200 3370230 29-1/8 43-5/8 3-3/8 60	3370210 3370240 25-1/2 43-5/8 3-3/8 60			
<b>H4</b>	37 Motor - 70 FPM SS Motor - 125 FPM SS B C HT WG							

All dimensions in inches.

**TROLLEY DATA:**

Speed	70 FPM	125 FPM
HP	1/2-1800 RPM	1/2-1800 RPM

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

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**WORK-RATED®  
ELECTRIC HOISTS**

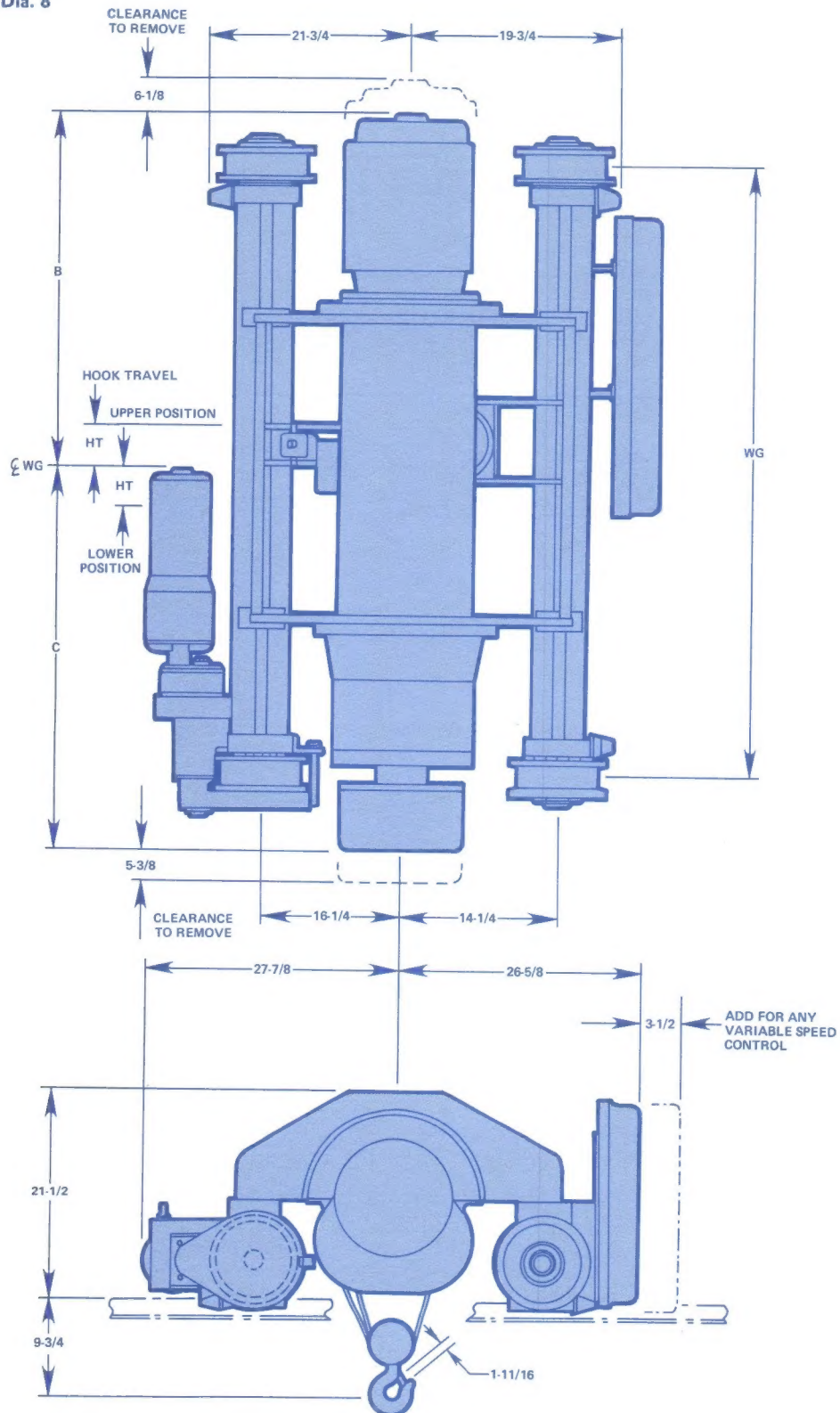
34-5 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**

4 PART SINGLE REEVING - 3/8"

**3  
TON**

Wheel Dia. 8



See facing page for additional dimensions. All dimensions shown in inches.

**3  
TON****TOP RUNNING TROLLEY HOIST****2 PART DOUBLE REEVING-5/16"**

34-6

**PRODUCT NUMBERS AND CLEARANCES**

Lift in Feet	Hoist Suspension	Lifting Speed						
		Hoist Control	22	22-7	22	30	30-10	30
		HP	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed
			5	5-1-2/3	5	6-1/4	6-1/4-2	6-1/4
<b>H3</b> 22	Motor - 70 FPM SS		3370250	3370260	3370270	3370280	3370290	3370300
	Motor - 125 FPM SS		3370310	3370320	3370330	3370340	3370350	3370360
	B		27	31-1/2	27-7/8	27	33-3/4	32-1/2
	C		34-1/8	34-1/8	34-1/8	34-1/8	34-1/8	34-1/8
	WG		60	60	60	60	60	60
<b>H3</b> 34	Motor - 70 FPM SS		3370370	3370380	3370390	3370400	3370410	3370420
	Motor - 125 FPM SS		3370430	3370440	3370450	3370460	3370470	3370480
	B		30-1/2	35	31-3/8	30-1/2	37-1/4	36
	C		37-5/8	37-5/8	37-5/8	37-5/8	37-5/8	37-5/8
	WG		60	60	60	60	60	60
<b>H3</b> 45	Motor - 70 FPM SS		3370490	3370500	3370510	3370520	3370530	3370540
	Motor - 125 FPM SS		3370550	3370560	3370570	3370580	3370590	3370600
	B		33-1/2	38	34-3/8	33-1/2	40-1/4	39
	C		40-5/8	40-5/8	40-5/8	40-5/8	40-5/8	40-5/8
	WG		60	60	60	60	60	60

All dimensions in inches.

**TROLLEY DATA:**

Speed	70 FPM	125 FPM
HP	1/2-1800 RPM	1/2-1800 RPM

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

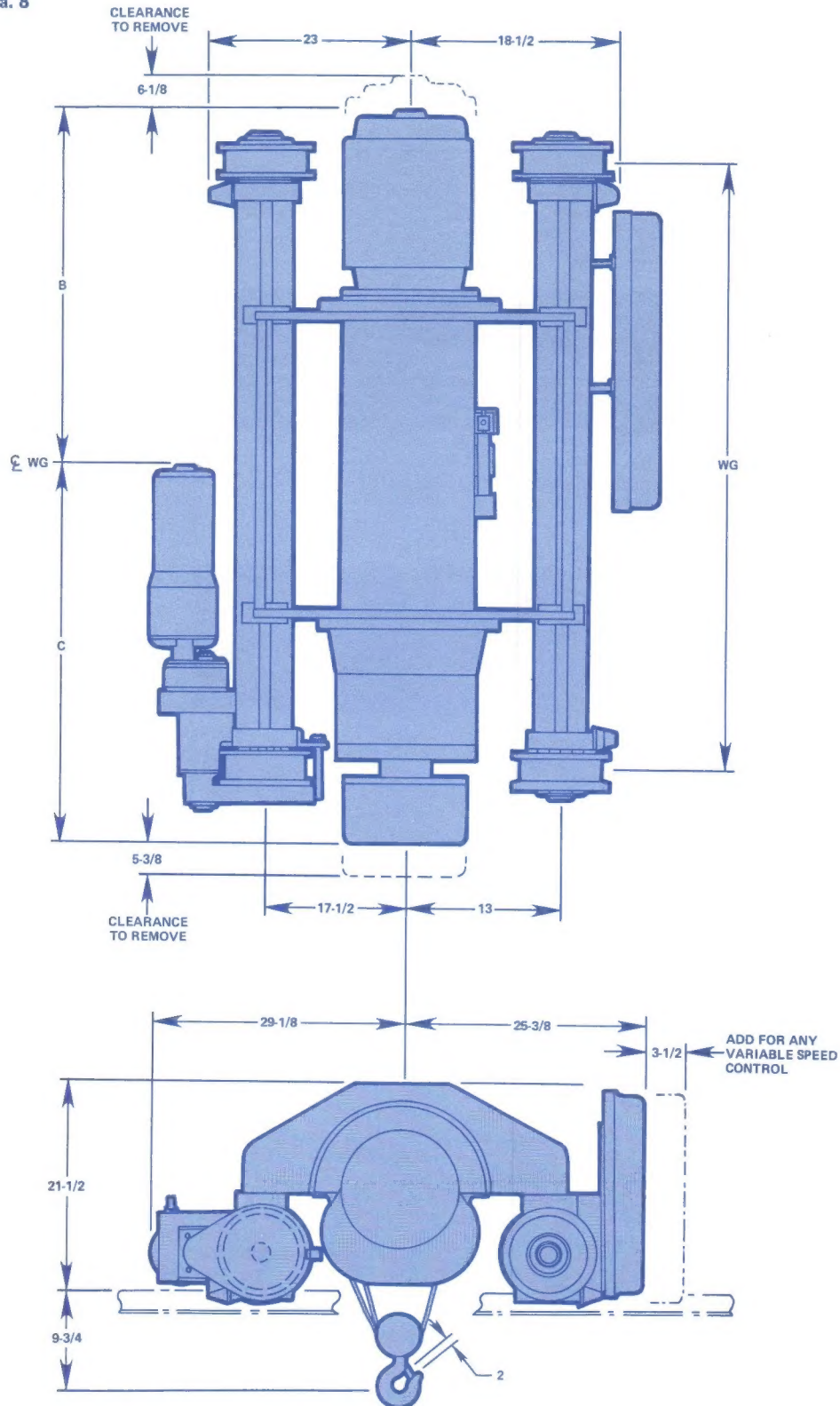
Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

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Wheel Dia. 8





**5  
TON****TOP RUNNING TROLLEY HOIST**4 PART SINGLE REEVING-3/8" S 33  
-1/2" S 34

34-8

**PRODUCT NUMBERS AND CLEARANCES**

Lift in Feet	Hoist Suspension	Lifting Speed	20			20-7		
		Hoist Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed
		HP	6-1/4	6-1/4-2	6-1/4	7-1/2	7-1/2-2-1/2	7-1/2
<b>H4</b>	24 Motor - 70 FPM SS Motor - 125 FPM SS	B				3470010	3470020	3470030
		C				3470040	3470050	3470060
		HT				26-3/8	31-1/4	27-3/8
		WG				37-1/4	37-1/4	37-1/4
						2-3/8	2-3/8	2-3/8
<b>H3</b>	27 Motor - 70 FPM SS Motor - 125 FPM SS	B	3370610	3370620	3370630			
		C	3370640	3370650	3370660			
		HT	28-3/8	31-7/8	29-3/8			
		WG	37-3/8	37-3/8	37-3/8			
			2-1/2	2-1/2	2-1/2			
<b>H4</b>	35 Motor - 70 FPM SS Motor - 125 FPM SS	B				3470070	3470080	3470090
		C				3470100	3470110	3470120
		HT				27-1/4	32-1/8	28-1/4
		WG				44-3/8	44-3/8	44-3/8
						3-1/2	3-1/2	3-1/2
<b>H3</b>	37 Motor - 70 FPM SS Motor - 125 FPM SS	B	3370670	3370680	3370690			
		C	3370700	3370710	3370720			
		HT	29-1/8	32-3/4	30-1/4			
		WG	43-1/2	43-1/2	43-1/2			
			3-3/8	3-3/8	3-3/8			
<b>H4</b>	49 Motor - 70 FPM SS Motor - 125 FPM SS	B	60	60	60	3470130	3470140	3470150
		C				3470160	3470170	3470180
		HT				28-5/8	33-1/2	29-5/8
		WG				53	53	53
						4-5/8	4-5/8	4-5/8

All dimensions in inches.

**TROLLEY DATA:**

Speed	70 FPM	125 FPM
HP	1/2-1800 RPM	1/2-1800 RPM

**TOP VALUE HOISTS**

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

The first two digits of the product number designate the hoist series (3370610 is a Series 33 or S33).

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

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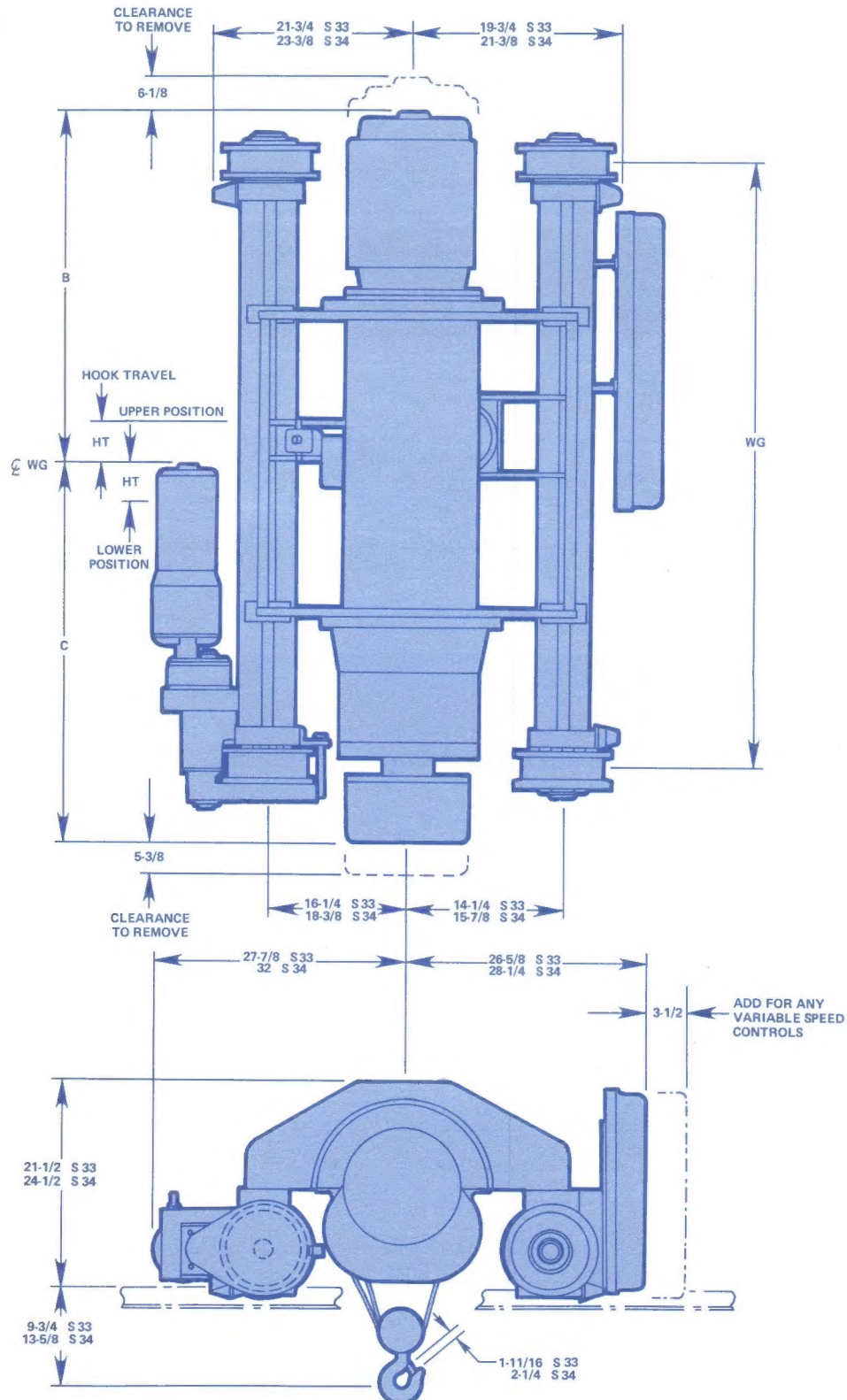
**WORK-RATED®  
ELECTRIC HOISTS**

34-9 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**  
4 PART SINGLE REEVING - 3/8" S 33  
1/2" S 34

**5  
TON**

Wheel Dia. 8



See facing page for additional dimensions. All dimensions shown in inches.

**5  
TON****TOP RUNNING TROLLEY HOIST**  
**2 PART DOUBLE REEVING - 3/8"**

34-10

**PRODUCT NUMBERS AND CLEARANCES**

Lift in Feet	Hoist Suspension	Lifting Speed	22			30		
		Hoist Control HP	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed
			7-1/2	7-1/2-2-1/2	7-1/2	10	10-3-1/3	10
18 <b>H2</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG					3370730 3370760 33-1/4 34-1/8 60	3370740 3370770 36-1/8 34-1/8 60	3370750 3370780 36-1/8 34-1/8 60
18 <b>H3</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG		3370790 3370820 31-7/8 34-1/8 60	3370800 3370830 35-1/4 34-1/8 60	3370810 3370840 32-1/2 34-1/8 60			
20 <b>H3</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG					3470190 3470220 31 34-3/8 60	3470200 3470230 34-1/8 34-3/8 60	3470210 3470240 32 34-3/8 60
20 <b>H4</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG		3470250 3470280 29-1/4 34-3/8 60	3470260 3470290 34-1/8 34-3/8 60	3470270 3470300 30-1/4 34-3/8 60			
27 <b>H2</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG					3370850 3370880 36-3/4 37-5/8 60	3370860 3370890 40-3/8 37-5/8 60	3370870 3370900 40-3/8 37-5/8 60
27 <b>H3</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG		3370910 3370940 35-3/8 37-5/8 60	3370920 3370950 38-3/4 37-5/8 60	3370930 3370960 36 37-5/8 60			
33 <b>H3</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG					3470310 3470340 35 38-3/8 60	3470320 3470350 38-1/8 38-3/8 60	3470330 3470360 36 38-3/8 60
33 <b>H4</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG		3470370 3470400 33-1/4 38-3/8 60	3470380 3470410 38-1/8 38-3/8 60	3470390 3470420 34-1/4 38-3/8 60			
35 <b>H2</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG					3370970 3371000 39-3/4 40-5/8 60	3370980 3371010 43-3/8 40-5/8 60	3370990 3371020 40-3/8 40-5/8 60
35 <b>H3</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG		3371030 3371060 38-3/8 40-5/8 60	3371040 3371070 41-3/4 40-5/8 60	3371050 3371080 39 40-5/8 60			
49 <b>H3</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG					3470430 3470460 40 43-3/8 60	3470440 3470470 43-3/8 43-3/8 60	3470450 3470480 41 43-3/8 60
49 <b>H4</b>	Motor - 70 FPM SS Motor - 125 FPM SS B C WG		3470490 3470520 38-1/4 43-3/8 60	3470500 3470530 43-1/8 43-3/8 60	3470510 3470540 39-5/8 43-3/8 60			

All dimensions in inches.

**TOP VALUE HOISTS**

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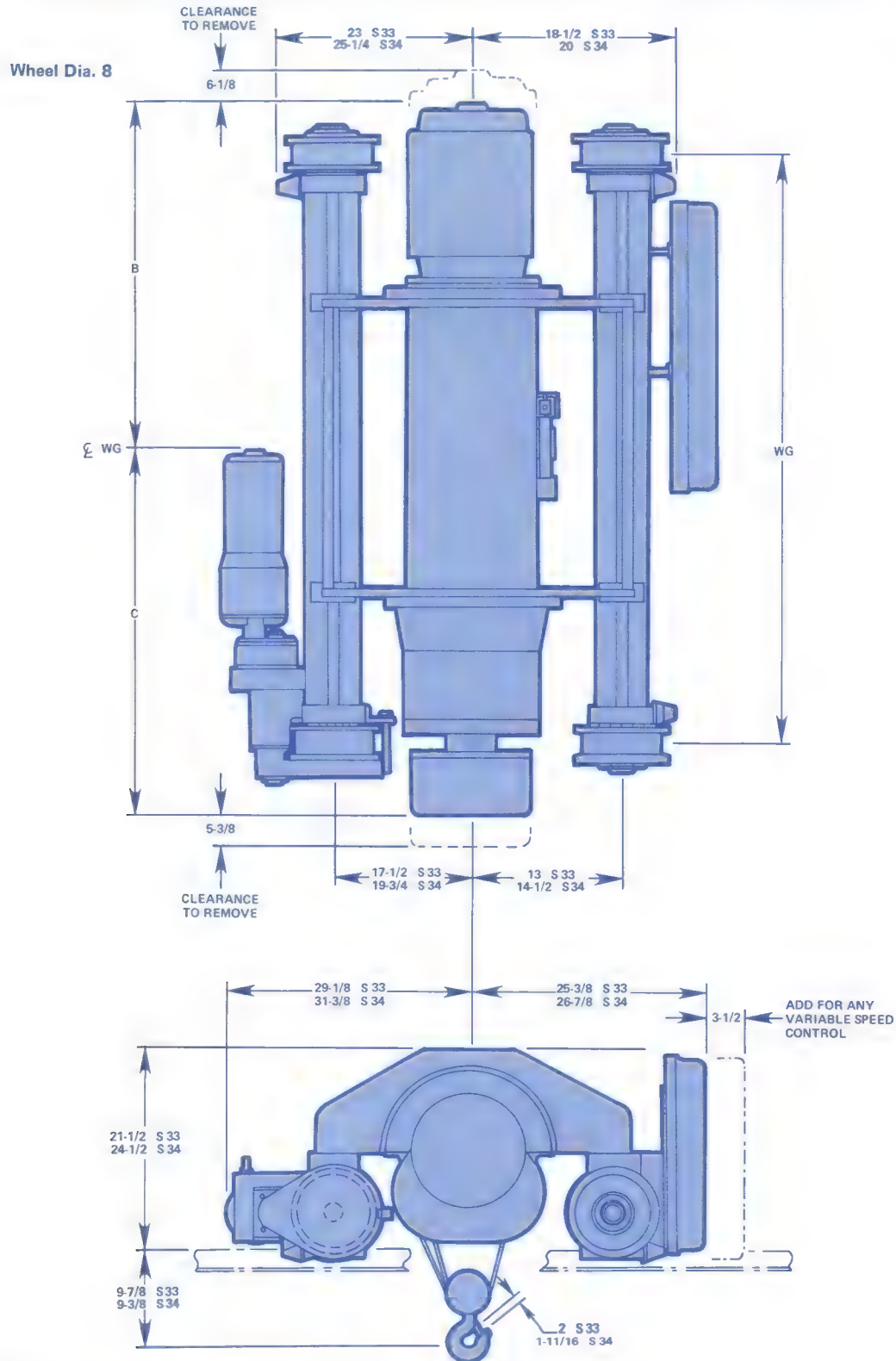


**WORK-RATED®  
ELECTRIC HOISTS**

34-11 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**  
2 PART DOUBLE REEVING - 3/8"

**5  
TON**



**TROLLEY DATA:**

Speed	70 FPM	125 FPM
HP	1/2-1800 RPM	1/2-1800 RPM

Single and two speed trolley is supplied with ACM control.  
Four rubber bumpers are furnished as standard.  
All two speed trolley motors are 1800/600 RPM.  
See facing page for additional dimensions. All dimensions shown in inches.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.  
All speeds based on 60 hertz.

The first two digits of the product number designate the hoist series (3370610 is a Series 33 or S33).

#### PRODUCT NUMBERS AND CLEARANCES

Lift in Feet	Hoist Suspension	Lifting Speed Hoist Control HP						
			15 Single Speed	15-5 Two Speed	15 Variable Speed	20 Single Speed	20-7 Two Speed	20 Variable Speed
			7-1/2	7-1/2-2-1/2	7-1/2	10	10-3-1/3	10
<b>H3</b>	23	Motor - 70 FPM SS	3371090	3371100	3371110			
		Motor - 125 FPM SS	3371120	3371130	3371140			
		B	27-1/8	30-3/4	28-1/4			
		C	38-1/2	38-1/2	38-1/2			
		HT	2-5/8	2-5/8	2-5/8			
		WG	60	60	60			
<b>H3</b>	24	Motor - 70 FPM SS				3470550	3470560	3470570
		Motor - 125 FPM SS				3470580	3470590	3470600
		B				28-1/8	31-3/8	28-1/4
		C				37-1/4	37-1/4	37-1/4
		HT				2-3/8	2-3/8	2-3/8
		WG				60	60	60
<b>H4</b>	24	Motor - 70 FPM SS	3470610	3470620	3470630			
		Motor - 125 FPM SS	3470640	3470650	3470660			
		B	26-3/8	31-1/4	27-3/4			
		C	37-1/4	37-1/4	37-1/4			
		HT	2-3/8	2-3/8	2-3/8			
		WG	60	60	60			
<b>H3</b>	32	Motor - 70 FPM SS	3371150	3371160	3371170			
		Motor - 125 FPM SS	3371180	3371190	3371200			
		B	28-3/4	32-1/4	28-3/8			
		C	44-5/8	44-5/8	44-5/8			
		HT	3-1/2	3-1/2	3-1/2			
		WG	60	60	60			
<b>H3</b>	35	Motor - 70 FPM SS				3470670	3470680	3470690
		Motor - 125 FPM SS				3470700	3470710	3470720
		B				29	32-1/4	30-1/8
		C				44-3/8	44-3/8	44-3/8
		HT				3-1/2	3-1/2	3-1/2
		WG				60	60	60
<b>H4</b>	35	Motor - 70 FPM SS	3470730	3470740	3470750			
		Motor - 125 FPM SS	3470760	3470770	3470780			
		B	27-3/8	32-1/4	28-3/8			
		C	44-3/8	44-3/8	44-3/8			
		HT	3-1/2	3-1/2	3-1/2			
		WG	60	60	60			
<b>H3</b>	49	Motor - 70 FPM SS				3470790	3470800	3470810
		Motor - 125 FPM SS				3470820	3470830	3470840
		B				30-3/8	33-1/2	31-3/8
		C				53	53	53
		HT				4-5/8	4-5/8	4-5/8
		WG				78	78	78
<b>H4</b>	49	Motor - 70 FPM SS	3470850	3470860	3470870			
		Motor - 125 FPM SS	3470880	3470890	3470900			
		B	28-5/8	33-1/2	29-5/8			
		C	53	53	53			
		HT	4-5/8	4-5/8	4-5/8			
		WG	78	78	78			

All dimensions in inches.

#### TOP VALUE HOISTS

#### TROLLEY DATA:

Speed	70 FPM	125 FPM
HP	1/2-1800 RPM	3/4-1800 RPM

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.  
All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speed based on 60 hertz.

The first two digits of the product number designate the hoist series (3370610 is a Series 33 or S33).

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

**WARNING:** Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original equipment manufacturer or qualified professional engineer.





**WORK-RATED®  
ELECTRIC HOISTS**

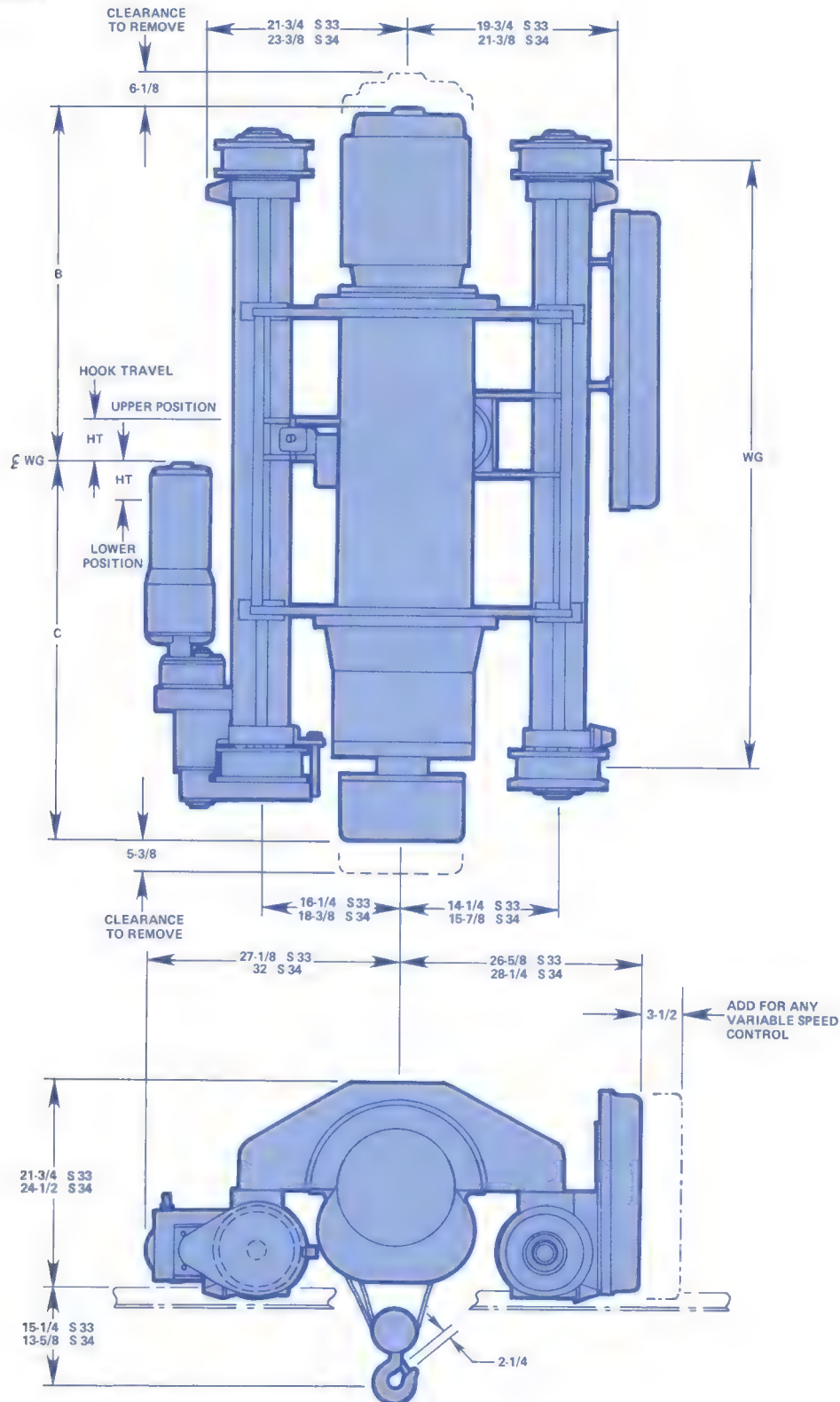
34-13 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**

4 PART SINGLE REEVING - 1/2"

**7 1/2  
TON**

Wheel Dia. 8



See facing page for additional dimensions. All dimensions shown in inches.

#### PRODUCT NUMBERS AND CLEARANCES

Lift in Feet	Hoist Suspension	Lifting Speed						
		Hoist Control	22	22-7	22	30	30-10	30
		HP	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed
			10	10-3-1/3	10	15	15-5	15
22 <b>H3</b>	Motor - 70 FPM SS		3470910	3470920	3470930	3470940	3470950	3470960
	Motor - 125 FPM SS		3470970	3470980	3470990	3471000	3471010	3471020
	B		35	38-1/4	36	38-1/8	39-1/4	39-3/8
	C		38-3/8	38-3/8	38-3/8	38-3/8	38-3/8	38-3/8
	WG		60	60	60	60	60	60
24 <b>H4</b>	Motor - 70 FPM SS		3570010	3570020	3570030			
	Motor - 125 FPM SS		3570040	3570050	3570060			
	B		35-3/8	41	41			
	C		42	42	42			
	WG		60	60	60			
35 <b>H3</b>	Motor - 70 FPM SS		3471030	3471040	3471050	3471060	3471070	3471080
	Motor - 125 FPM SS		3471090	3471100	3471110	3471120	3471130	3471140
	B		40	43-1/4	41	43-1/4	44-3/8	44-3/8
	C		43-3/8	43-3/8	43-3/8	43-3/8	43-3/8	43-3/8
	WG		60	60	60	60	60	60
38 <b>H4</b>	Motor - 70 FPM SS		3570070	3570080	3570090			
	Motor - 125 FPM SS		3570100	3570110	3570120			
	B		40-3/8	42-1/2	41-1/2			
	C		47	47	47			
	WG		60	60	60			
49 <b>H3</b>	Motor - 70 FPM SS		3471150	3471160	3471170	3471180	3471190	3471200
	Motor - 125 FPM SS		3471210	3471220	3471230	3471240	3471250	3471260
	B		45	48-1/4	46	48-1/4	49-1/4	49-3/8
	C		48-3/8	48-3/8	48-3/8	48-3/8	48-3/8	48-3/8
	WG		78	78	78	78	78	78
56 <b>H4</b>	Motor - 70 FPM SS		3570130	3570140	3570150			
	Motor - 125 FPM SS		3570160	3570170	3570180			
	B		46-3/8	48-1/2	47-1/2			
	C		53	53	53			
	WG		78	78	78			

All dimensions in inches.

#### TOP VALUE HOISTS

#### TROLLEY DATA:

Speed	70 FPM	125 FPM
HP	1/2-1800 RPM	3/4-1800 RPM

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

The first two digits of the product number designate the hoist series (3370610 is a Series 33 or S33).

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

**WARNING:** Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original equipment manufacturer or qualified professional engineer.

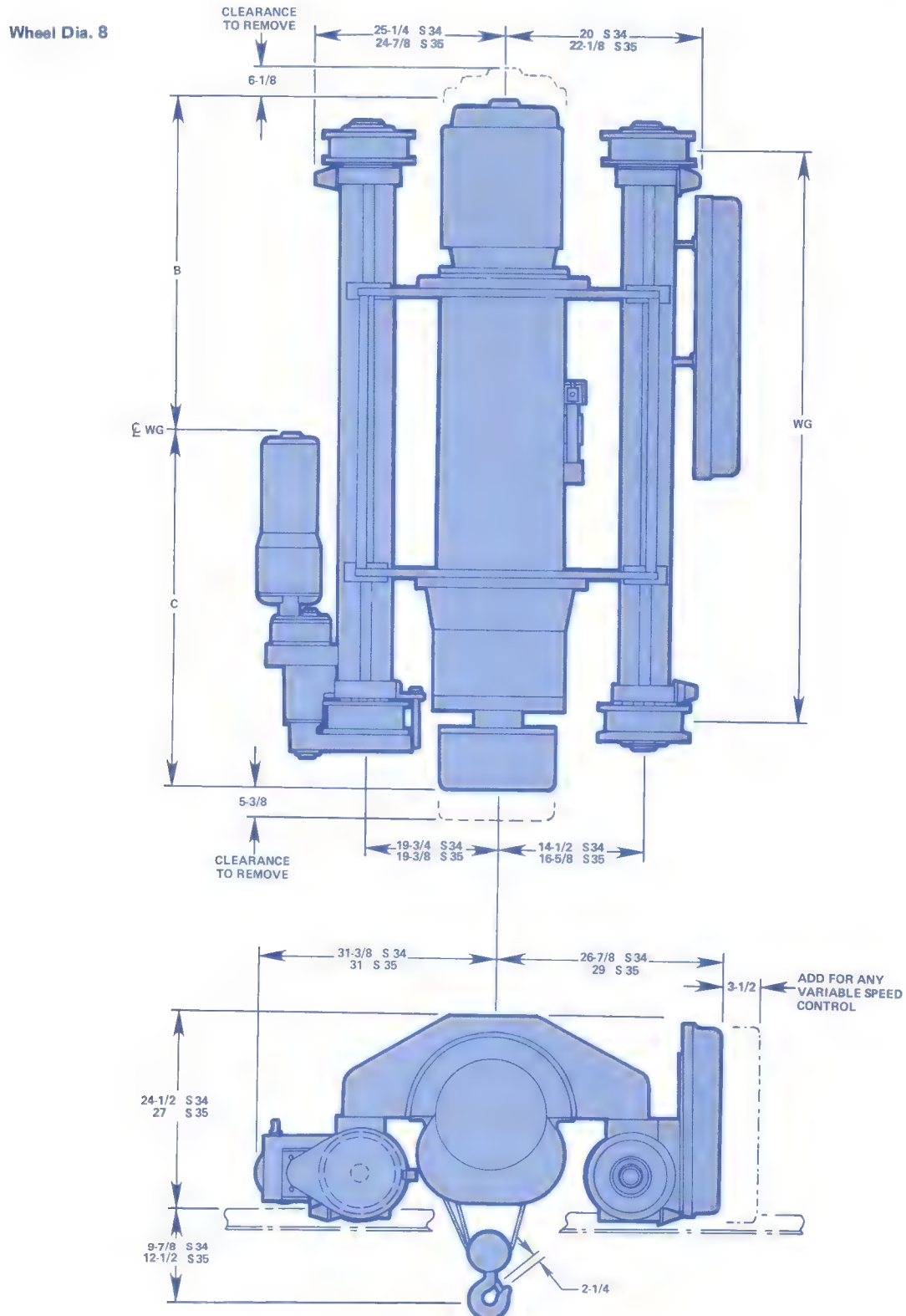




**WORK-RATED®**  
**ELECTRIC HOISTS**  
34-15 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**  
**2 PART DOUBLE REEVING - 1/2"**

**7 1/2  
TON**



See facing page for additional dimensions. All dimensions shown in inches.



# TOP RUNNING TROLLEY HOIST

4 PART SINGLE REEVING - 1/2"

34-16

## PRODUCT NUMBERS AND CLEARANCES

Lift in Feet	Hoist Suspension	Lifting Speed	11			15		
		Hoist Control HP	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed
			7-1/2	7-1/2-2-1/2	7-1/2	10	10-3-1/3	10
<b>H2</b>	Motor - 70 FPM SS					3371210	3371220	3371230
	Motor - 125 FPM SS					3371240	3371250	3371260
	B					28-7/8	30-3/4	30
	C					38-1/2	38-1/2	38-1/2
	HT					2-5/8	2-5/8	2-5/8
	WG					60	60	60
<b>H3</b>	Motor - 70 FPM SS		3371270	3371280	3371290			
	Motor - 125 FPM SS		3371300	3371310	3371320			
	B		27-1/8	30-3/4	28-1/4			
	C		38-1/2	38-1/2	38-1/2			
	HT		2-5/8	2-5/8	2-5/8			
	WG		60	60	60			
<b>H2</b>	Motor - 70 FPM SS					3371330	3371340	3371350
	Motor - 125 FPM SS					3371360	3371370	3371380
	B					30-1/2	32-1/4	31-1/2
	C					44-5/8	44-5/8	44-5/8
	HT					3-1/2	3-1/2	3-1/2
	WG					60	60	60
<b>H3</b>	Motor - 70 FPM SS		3371390	3371400	3371410			
	Motor - 125 FPM SS		3371420	3371430	3371440			
	B		28-3/4	32-1/4	29-3/4			
	C		44-5/8	44-5/8	44-5/8			
	HT		3-1/2	3-1/2	3-1/2			
	WG		60	60	60			

All dimensions in inches

### TROLLEY DATA:

Speed	70 FPM	125 FPM
HP	1/2-1800 RPM	1-1800 RPM

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

**WARNING:** Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original equipment manufacturer or qualified professional engineer.





**WORK-RATED®  
ELECTRIC HOISTS**

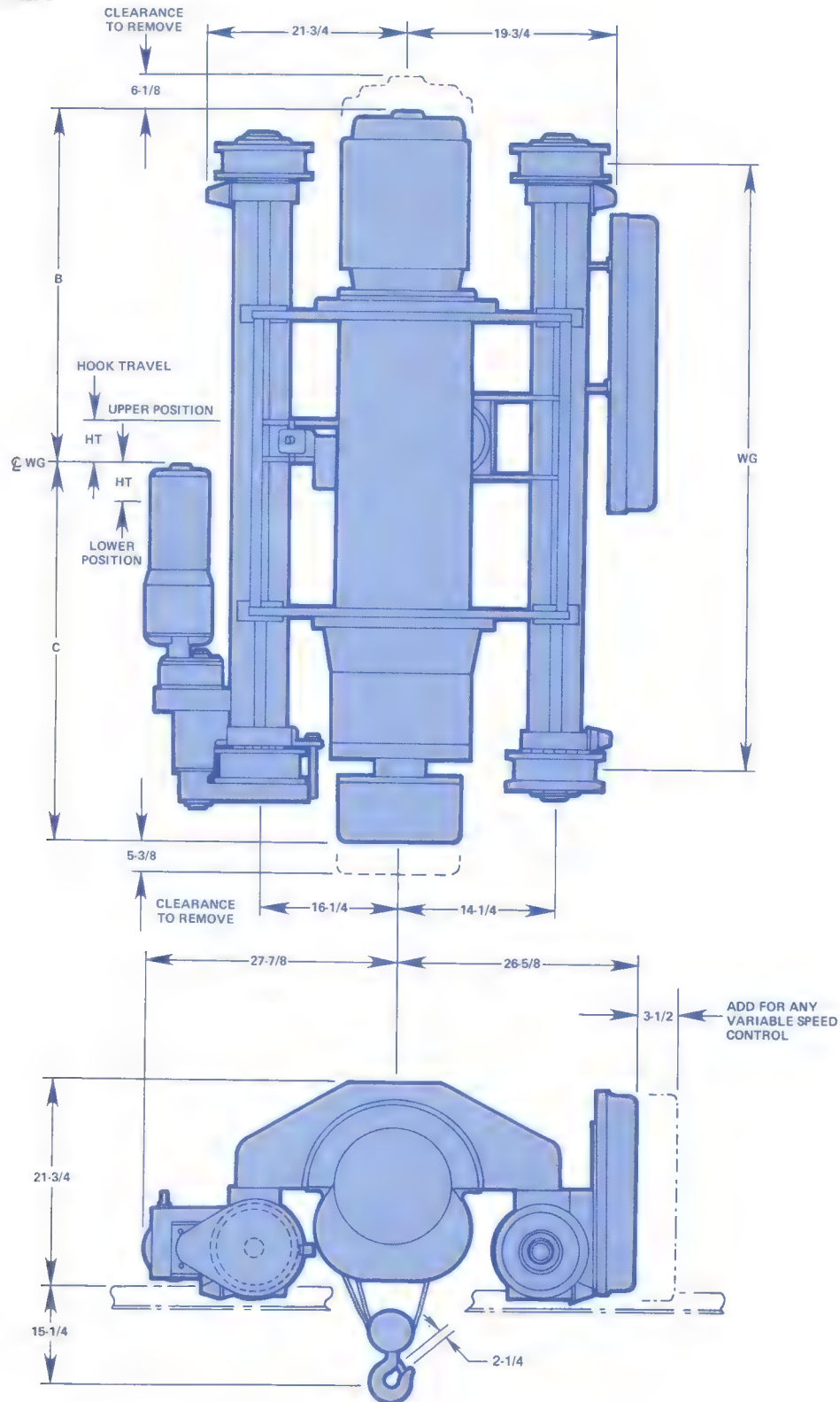
34-17 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**

4 PART SINGLE REEVING - 1/2"

**10  
TON**

Wheel Dia. 8





# TOP RUNNING TROLLEY HOIST

4 PART SINGLE REEVING - 1/2"

34-18

## PRODUCT NUMBERS AND CLEARANCES

Lift in Feet	Hoist Suspension	Lifting Speed	15			20		
		Hoist Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed
		HP	10	10-3-1/3	10	15	15-5	15
<b>H3</b>	24	Motor - 70 FPM SS	3471270	3471280	3471290	3471300	3471310	3471320
		Motor - 125 FPM SS	3471330	3471340	3471350	3471360	3471370	3471380
		B	28-1/8	31-3/8	29-1/8	31-3/8	32-3/8	32-1/2
		C	37-1/4	37-1/4	37-1/4	37-1/4	37-1/4	37-1/4
		HT	2-3/8	2-3/8	2-3/8	2-3/8	2-3/8	2-3/8
		WG	60	60	60	60	60	60
<b>H4</b>	24	Motor - 70 FPM SS	3570190	3570200	3570210			
		Motor - 125 FPM SS	3570220	3570230	3570240			
		B	31	30-3/8	33-5/8			
		C	36-3/4	36-3/4	36-3/4			
		HT	1-3/8	1-3/8	1-3/8			
		WG	60	60	60			
<b>H3</b>	35	Motor - 70 FPM SS	3471390	3471400	3471410	3471420	3471430	3471440
		Motor - 125 FPM SS	3471450	3471460	3471470	3471480	3471490	3471500
		B	29	32-1/4	30-1/8	32-1/4	33-1/4	33-1/2
		C	44-3/8	44-3/8	44-3/8	44-3/8	44-3/8	44-3/8
		HT	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2
		WG	60	60	60	60	60	60
<b>H4</b>	39	Motor - 70 FPM SS	3570250	3570260	3570270			
		Motor - 125 FPM SS	3570280	3570290	3570300			
		B	35-3/8	41	41			
		C	41-3/4	41-3/4	41-3/4			
		HT	3-3/8	3-3/8	3-3/8			
		WG	60	60	60			
<b>H3</b>	49	Motor - 70 FPM SS	3471510	3471520	3471530	3471540	3471550	3471560
		Motor - 125 FPM SS	3471570	3471580	3471590	3471600	3471610	3471620
		B	30-1/4	33-1/2	31-3/8	33-3/8	34-1/2	34-5/8
		C	53-1/8	53-1/8	53-1/8	53-1/8	53-1/8	53-1/8
		HT	4-5/8	4-5/8	4-5/8	4-5/8	4-5/8	4-5/8
		WG	78	78	78	78	78	78
<b>H4</b>	54	Motor - 70 FPM SS	3570310	3570320	3570330			
		Motor - 125 FPM SS	3570340	3570350	3570360			
		B	40-3/8	46	46			
		C	46-3/4	46-3/4	46-3/4			
		HT	4-5/8	4-5/8	4-5/8			
		WG	78	78	78			

All dimensions in inches.

## TOP VALUE HOISTS

### TROLLEY DATA:

Speed	70 FPM	125 FPM
HP	1/2-1800 RPM	1-1800 RPM

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

The first two digits of the product number designate the hoist series (3370610 is a Series 33 or S33).

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

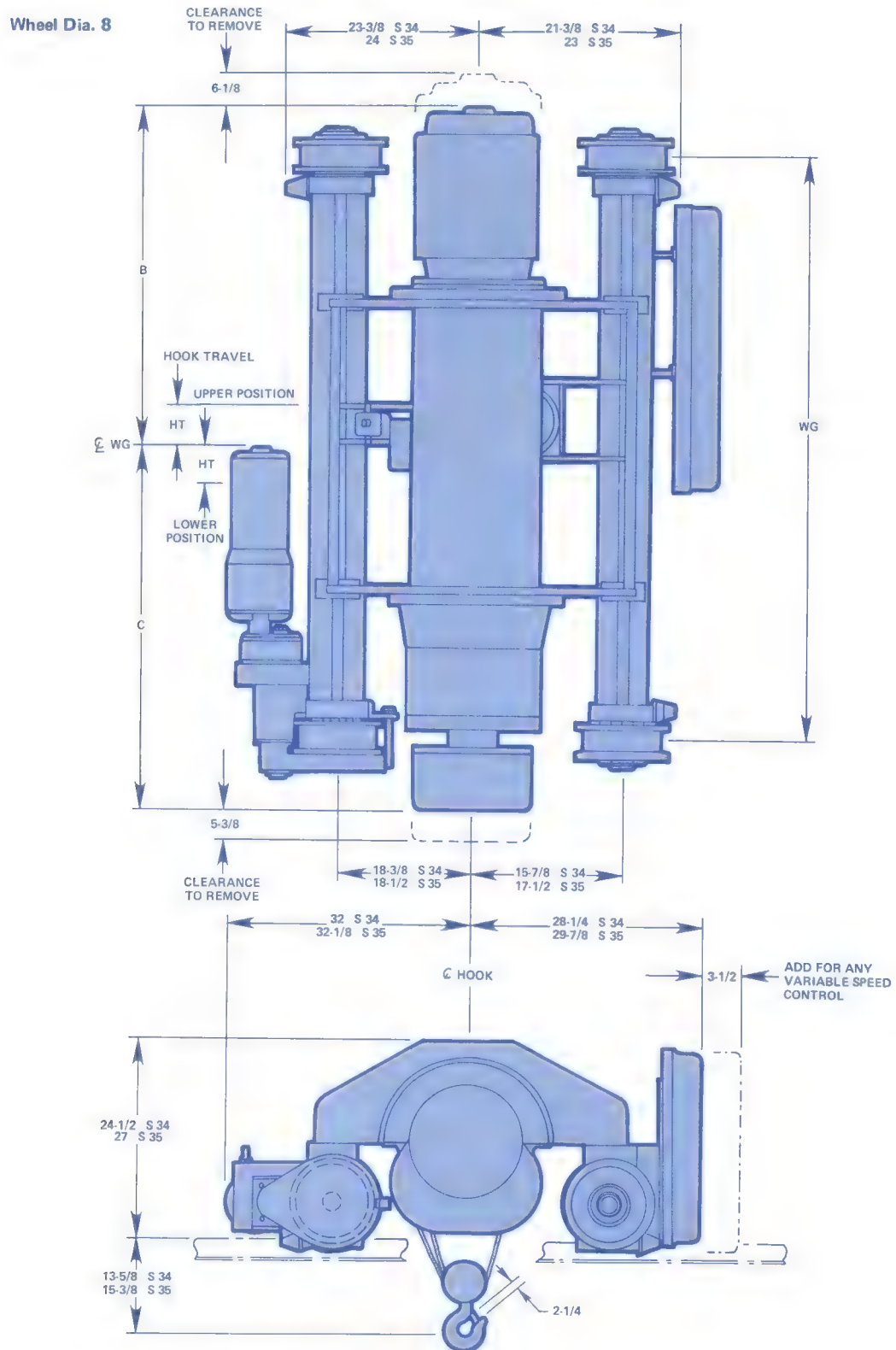
**WARNING:** Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original equipment manufacturer or qualified professional engineer.



**WORK-RATED®**  
**ELECTRIC HOISTS**  
34-19 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**  
**4 PART SINGLE REEVING - 1/2"**

**10  
TON**



See facing page for additional dimensions. All dimensions shown in inches.





## TOP RUNNING TROLLEY HOIST

2 PART DOUBLE REEVING - 1/2"

34-20

### PRODUCT NUMBERS AND CLEARANCES

Lift in Feet	Hoist Suspension	Lifting Speed	22	22-7	22	30
		Hoist Control HP	Single Speed	Two Speed	Variable Speed	Variable Speed
24	Motor - 70 FPM SS Motor - 125 FPM SS	B C WG	3570370 3570410 37-1/2 42 60	3570390 3570430 37-7/8 42 60	3570390 3570430 38-3/4 42 60	3570400 3570440 39-1/8 42 60
38	Motor - 70 FPM SS Motor - 125 FPM SS	B C WG	3570450 3570490 42-1/2 47 60	3570460 3570500 42-7/8 47 60	3570470 3570510 43-3/4 47 60	3570480 3570520 44-1/8 47 60
56	Motor - 70 FPM SS Motor - 125 FPM SS	B C WG	3570530 3570570 48-1/2 53 78	3570540 3570580 48-7/8 53 78	3570550 3570590 49-3/4 53 78	3570560 3570600 50-1/8 53 78

All dimensions in inches.

### TOP VALUE HOISTS

#### TROLLEY DATA:

Speed	70 FPM	125 FPM
HP	1/2-1800 RPM	1-1800 RPM

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

**WARNING:** Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original equipment manufacturer or qualified professional engineer.

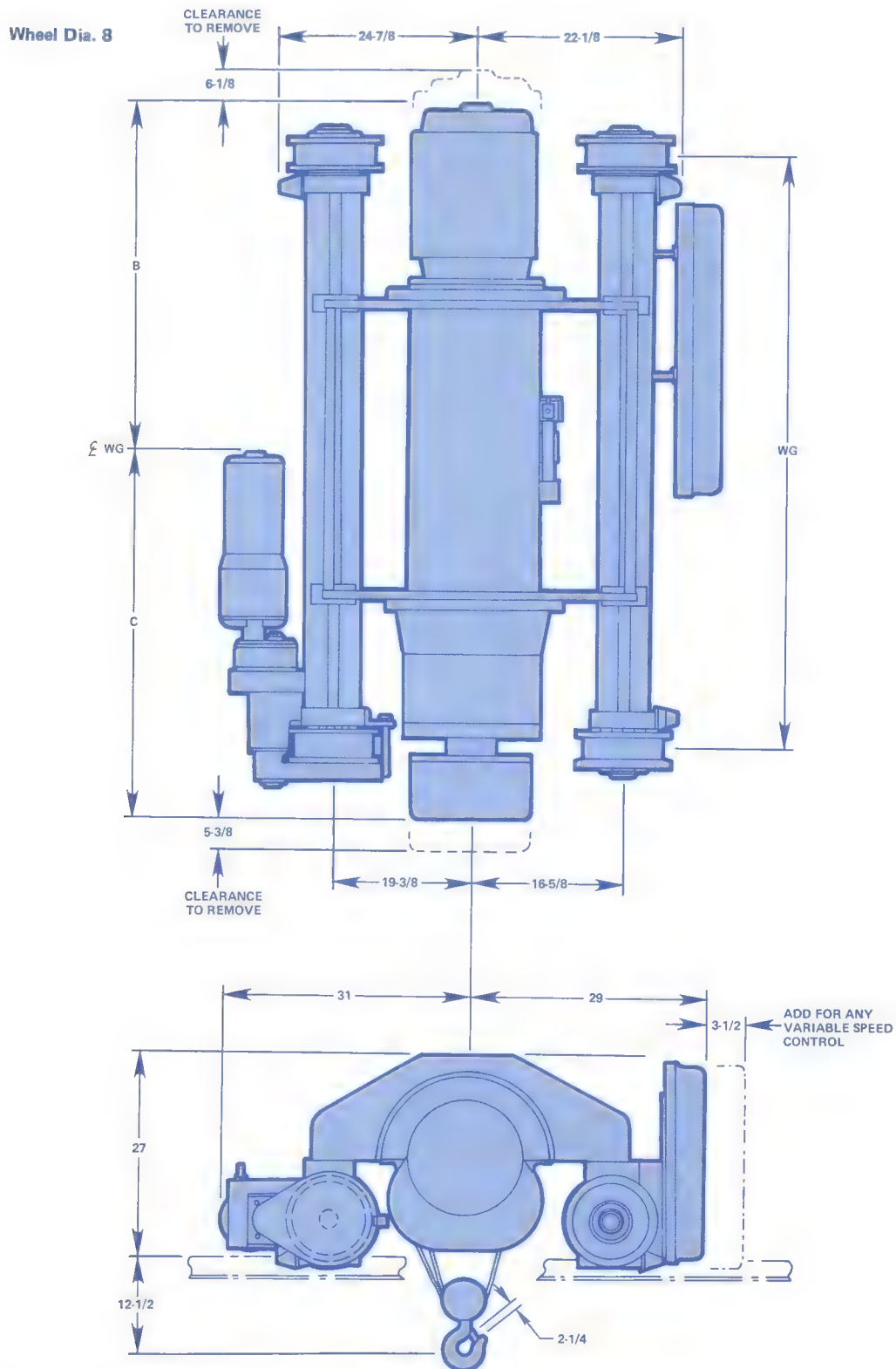


**WORK-RATED®  
ELECTRIC HOISTS**

34-21 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**  
2 PART DOUBLE REEVING - 1/2"

**10  
TON**



See facing page for additional dimensions. All dimensions shown in inches.



# TOP RUNNING TROLLEY HOIST

4 PART DOUBLE REEVING - 3/8" S 34  
7/16" S 35

34-22

## H4

PRODUCT NUMBERS AND CLEARANCES

## H3

Lift in Feet	Hoist Suspension	Lifting Speed	11	11-4	11	20	20-7	20
		Hoist Control	Single Speed	Two Speed	Variable Speed	Single Speed	Two Speed	Variable Speed
		HP	7-1/2	7-1/2-2-1/2	7-1/2	15	15-5	15
23	Motor - 70 FPM SS Motor - 125 FPM SS B C WG					3471630	3471640	3471650
						3471660	3471670	3471680
						43-1/8	44-1/4	44-3/8
						43-3/8	43-3/8	43-3/8
23	Motor - 70 FPM SS Motor - 125 FPM SS B C WG					60	60	60
			3471690	3471700	3471710	3570610	3570620	3570630
			3471720	3471730	3471740	3570640	3570650	3570660
			39-1/8	43-1/8	39-1/4	42-1/2	43-7/8	43-3/4
31	Motor - 70 FPM SS Motor - 125 FPM SS B C WG					47	47	47
			43-3/8	43-3/8	43-3/8	60	60	60
			60	60	60			
31	Motor - 70 FPM SS Motor - 125 FPM SS B C WG					3471750	3471760	3471770
						3471780	3471790	3471800
						48-1/8	44-1/4	44-3/8
						48-3/8	48-3/8	48-3/8
31	Motor - 70 FPM SS Motor - 125 FPM SS B C WG					78	78	78
			3471810	3471820	3471830			
			3471840	3471850	3471860			
			44-1/8	48-1/8	44-1/4			
33	Motor - 70 FPM SS Motor - 125 FPM SS B C WG							
			48-3/8	48-3/8	48-3/8			
			78	78	78			

			13	13/6	13
			Single Speed	Two Speed	Variable Speed
			10*	10-5*	10*
42	Motor - 70 FPM SS Motor - 125 FPM SS B C WG		3570730	3570740	3570750
			3570760	3570770	3570780
			54-1/2	55-7/8	55-3/4
			59	59	59
			78	78	78

All dimensions in inches.

### TROLLEY DATA:

Speed 70 FPM 125 FPM  
HP 1/2-1800 RPM 1-1800 RPM

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

The first two digits of the product number designate the hoist series (3370610 is a Series 33 or S33).

\*Single Speed & Variable Speed Motors are 1200RPM. Two Speed Motors are 1200/600 RPM.

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**WARNING:** Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original equipment manufacturer or qualified professional engineer.





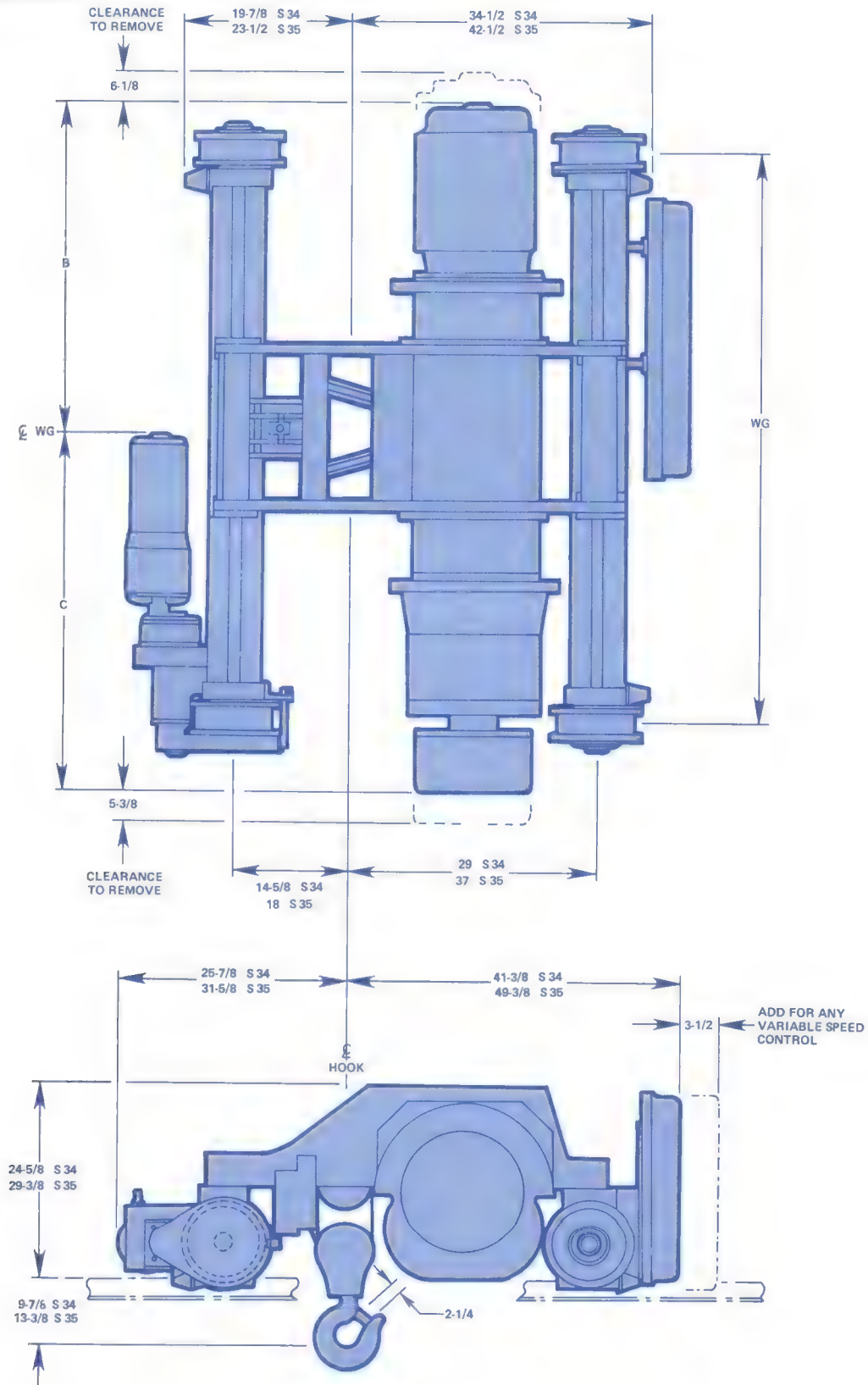
**WORK-RATED®  
ELECTRIC HOISTS**

34-23 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**  
4 PART DOUBLE REEVING - 3/8" S 34  
7/16" S 35

**10  
TON**

Wheel Dia. 8



See facing page for additional dimensions. All dimensions shown in inches.

**15  
TON****TOP RUNNING TROLLEY HOIST****4 PART SINGLE REEVING - 5/8"**

34-24

**PRODUCT NUMBERS AND CLEARANCES**

Lift in Feet	Hoist Suspension	Lifting Speed	PRODUCT NUMBERS AND CLEARANCES			
		Hoist Control	15	15-5	15	20
		HP	Single Speed	Two Speed	Variable Speed	Single Speed
			15	15-5	15	20
<b>H3</b>	20 Motor - 70 FPM SS Motor - 125 FPM SS B C HT WG					3570790 3570810 30-1/2 39-1/8 1-3/8 60
						3570800 3570820 32 39-1/8 1-3/8 60
<b>H3</b>	20 Motor - 70 FPM SS Motor - 125 FPM SS B C HT WG		3570830 3570860 30-3/8 39-1/8 1-3/8 60	3570840 3570870 30-3/4 39-1/8 1-3/8 60	3570850 3570880 31-5/8 39-1/8 1-3/8 60	
<b>H3</b>	21 Motor - 70 FPM SS Motor - 125 FPM SS B C HT WG		3471870 3471900 31-1/4 37-1/2 2-3/8 60	3471880 3471910 32-1/4 37-1/2 2-3/8 60	3471890 3471920 32-1/2 37-1/2 2-3/8 60	
<b>H3</b>	30 Motor - 70 FPM SS Motor - 125 FPM SS B C HT WG		3471930 3471960 32-1/8 44-3/8 3-3/8 60	3471940 3471970 33-1/4 44-3/8 3-3/8 60	3471950 3471980 33-3/8 44-3/8 3-3/8 60	
<b>H3</b>	32 Motor - 70 FPM SS Motor - 125 FPM SS B C HT WG					3570890 3570910 32-1/2 47-1/8 3-3/8 60
						3570900 3570920 34 47-1/8 3-3/8 60
<b>H3</b>	32 Motor - 70 FPM SS Motor - 125 FPM SS B C HT WG		3570930 3570960 32-3/8 47-1/8 3-3/8 60	3570940 3570970 32-3/4 47-1/8 3-3/8 60	3570950 3570980 33-5/8 47-1/8 3-3/8 60	
<b>H3</b>	42 Motor - 70 FPM SS Motor - 125 FPM SS B C HT WG		3471990 3472020 33-1/2 53 4-3/4 78	3472000 3472030 34-5/8 53 4-3/4 78	3472010 3472040 34-3/4 53 4-3/4 78	
<b>H3</b>	45 Motor - 70 FPM SS Motor - 125 FPM SS B C HT WG					3570990 3571010 33-5/8 47 4-5/8 78
						3571000 3571020 35-1/4 55-7/8 4-5/8 78
<b>H3</b>	45 Motor - 70 FPM SS Motor - 125 FPM SS B C HT WG		3571030 3571060 33-5/8 55-7/8 4-5/8 78	3571040 3571070 34 55-7/8 4-5/8 78	3571050 3571080 34-7/8 55-7/8 4-5/8 78	

**TROLLEY DATA:**

Speed	70 FPM	125 FPM
HP	3/4-1800 RPM	1-1/2-1800 RPM

Single and two speed trolley is supplied with ACM control.  
Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

The first two digits of the product number designate the

**TOP VALUE HOISTS**

hoist series (3370610 is a Series 33 or S33).

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

**WARNING:** Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original equipment manufacturer or qualified professional engineer.

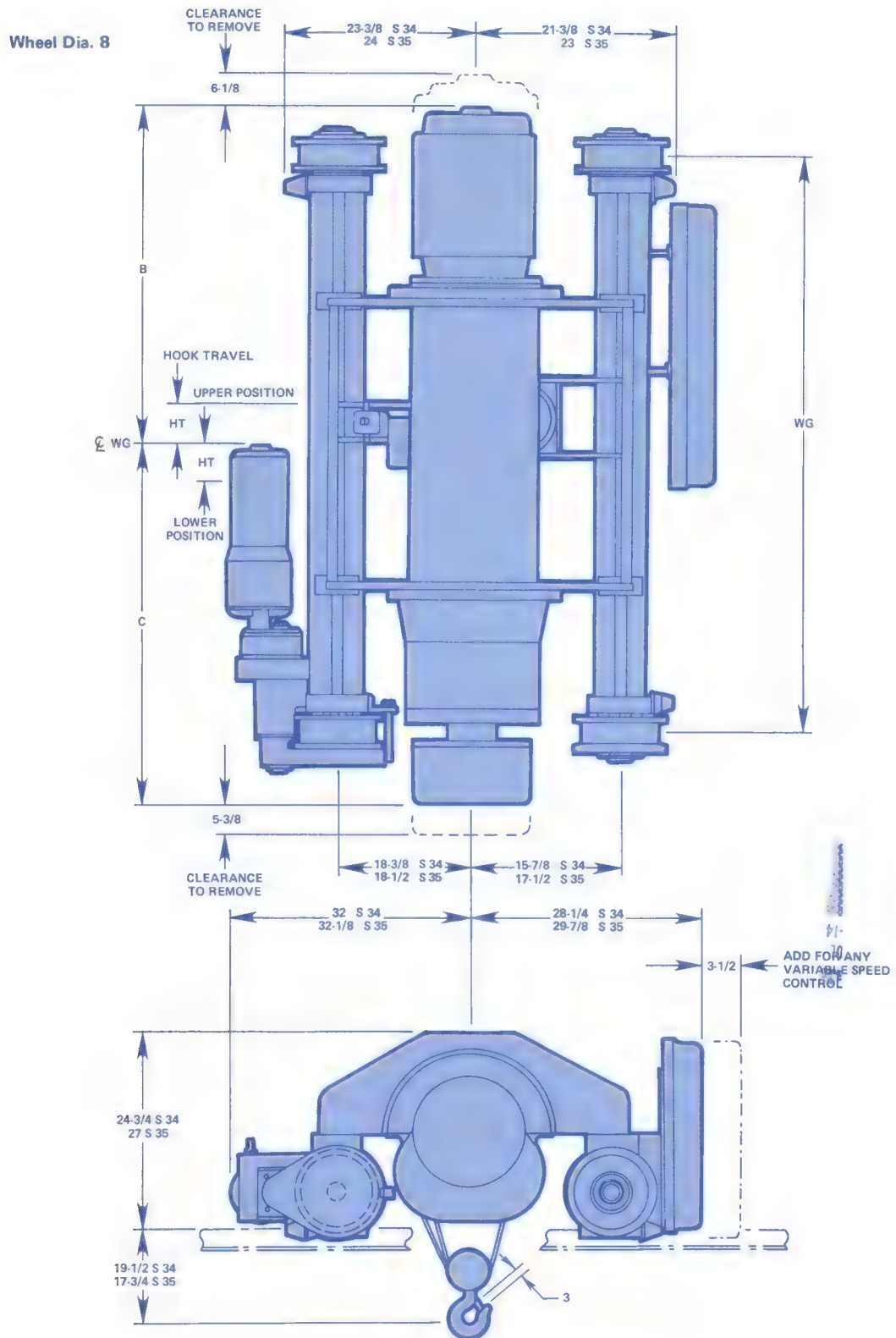
All dimensions in inches.



**WORK-RATED®**  
**ELECTRIC HOISTS**  
34-25 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**  
4 PART SINGLE REEVING - 5/8"

**15  
TON**



See facing page for additional dimensions. All dimensions shown in inches.





## TOP RUNNING TROLLEY HOIST

4 PART DOUBLE REEVING - 1/2"

34-26

### PRODUCT NUMBERS AND CLEARANCES

Lift in Feet	Hoist Suspension	Lifting Speed						
		Hoist Control	15	15-5	15		20	20
		HP	Single Speed	Two Speed	Variable Speed		Single Speed	Variable Speed
			15	15-5	15		20	20
<b>H3</b>	19 Motor - 70 FPM SS Motor - 125 FPM SS B C WG						3571090 3571110 46 47 60	3571100 3571120 44-1/8 47 60
			3571130 3571160 42-1/2 47 60	3571140 3571170 43-7/8 47 60	3571150 3571180 43-3/4 47 60			
<b>H3</b>	28 Motor - 70 FPM SS Motor - 125 FPM SS B C WG						3571190 3571210 52 53 78	3571200 3571220 50-1/2 52 78
			3571230 3571260 48-1/2 53 78	3571240 3571270 49-7/8 53 78	3571250 3571280 49-3/4 53 78			
<b>H3</b>	28 Motor - 70 FPM SS Motor - 125 FPM SS B C WG							
			3571230 3571260 48-1/2 53 78	3571240 3571270 49-7/8 53 78	3571250 3571280 49-3/4 53 78			

Lift in Feet	Hoist Suspension	Lifting Speed					
		Hoist Control	10	10/5	10	13	13
		HP	Single Speed	Two Speed	Variable Speed	Single Speed	Variable Speed
			10*	10-5*	10*	15*	15*
<b>H4</b>	36 Motor - 70 FPM SS Motor - 125 FPM SS B C WG		3571330 3571350 54-1/2 59 78	3571340 3571360 55-7/8 59 78	3571560 3571570 55-3/4 59 78	3571290 3571310 58-1/4 59 78	3571300 3571320 56-1/8 59 78

### TOP VALUE HOISTS

All dimensions in inches.

#### TROLLEY DATA:

Speed	70 FPM	125 FPM
HP	3/4-1800 RPM	1-1/2-1800 RPM

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

\*Single Speed & Variable Speed Motors are 1200 RPM. Two Speed Motors are 1200/600 RPM.

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

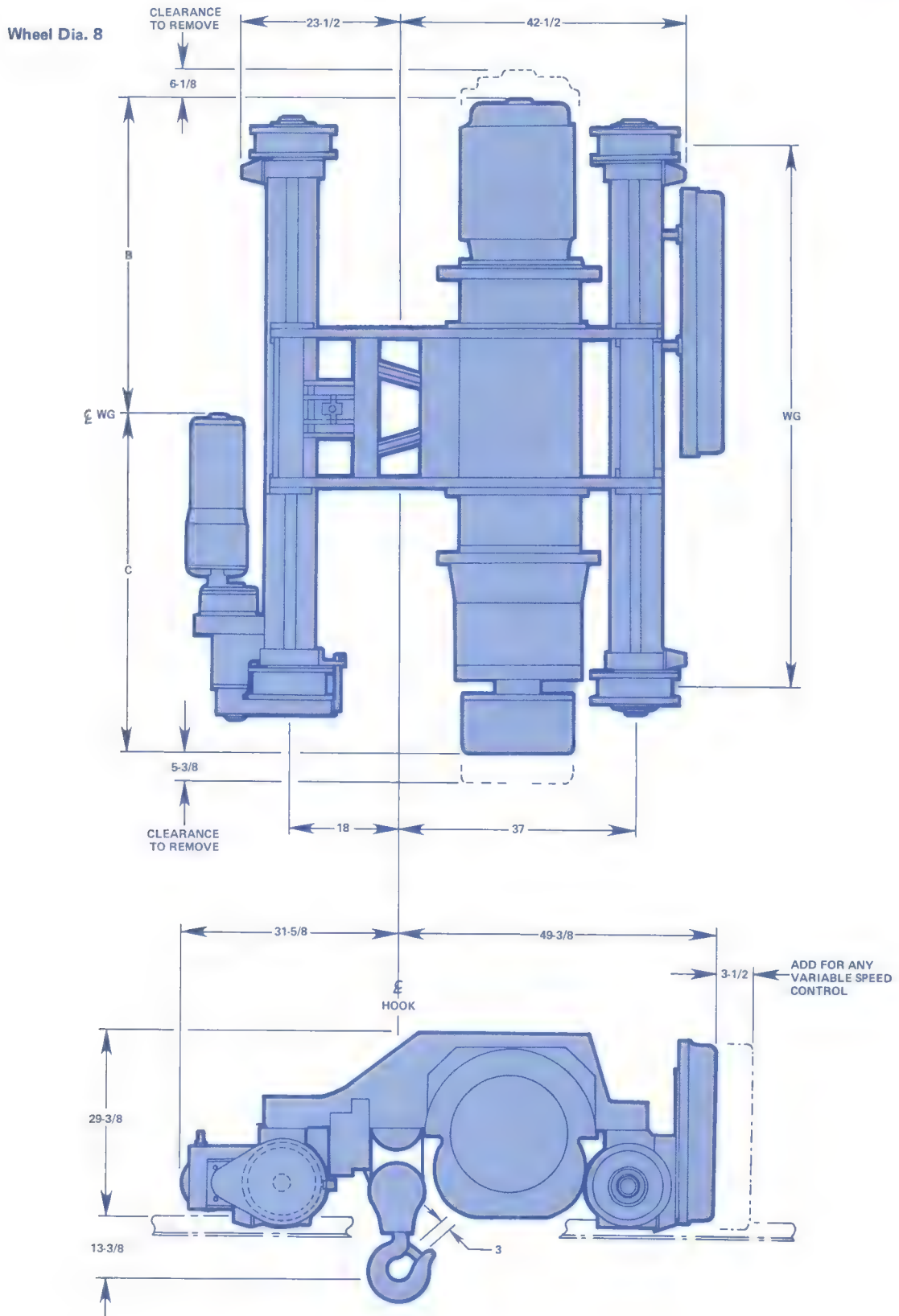
**WARNING:** Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original equipment manufacturer or qualified professional engineer.



**WORK-RATED®  
ELECTRIC HOISTS**  
34-27 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**  
4 PART DOUBLE REEVING - 1/2"

**15  
TON**



See facing page for additional dimensions. All dimensions shown in inches.



## TOP RUNNING TROLLEY HOIST

4 PART SINGLE REEVING - 3/4"

34-28

PRODUCT NUMBERS AND CLEARANCES							
Lift in Feet	Hoist Suspension	Lifting Speed	11	11-4	11	15	15
		Hoist Control	Single Speed	Two Speed	Variable Speed	Single Speed	Variable Speed
		HP	15	15-5	15	20	20
27 <b>H3</b>	Motor - 70 FPM SS		3571580	3571370	3571380	3571390	3571400
	Motor - 125 FPM SS		3571410	3571420	3571430	3571440	3571450
	B		38-3/8	38-3/4	39-5/8	38-1/4	39-7/8
	C		46-7/8	46-7/8	46-7/8	46-7/8	46-7/8
	HT		4	4	4	4	4
	WG		60	60	60	60	60
38 <b>H3</b>	Motor - 70 FPM SS		3571460	3571470	3571480	3571490	3571500
	Motor - 125 FPM SS		3571510	3571520	3571530	3571540	3571550
	B		34-5/8	35-1/8	36	34-3/4	36-3/8
	C		55-5/8	55-5/8	55-5/8	55-5/8	55-5/8
	HT		5-1/4	5-1/4	5-1/4	5-1/4	5-1/4
	WG		78	78	78	78	78

All dimensions in inches.

### TROLLEY DATA:

Speed	70 FPM	125 FPM
HP	1-1800 RPM	2-1800 RPM

### TOP VALUE HOISTS

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

**WARNING:** Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original equipment manufacturer or qualified professional engineer.





**WORK-RATED®  
ELECTRIC HOISTS**

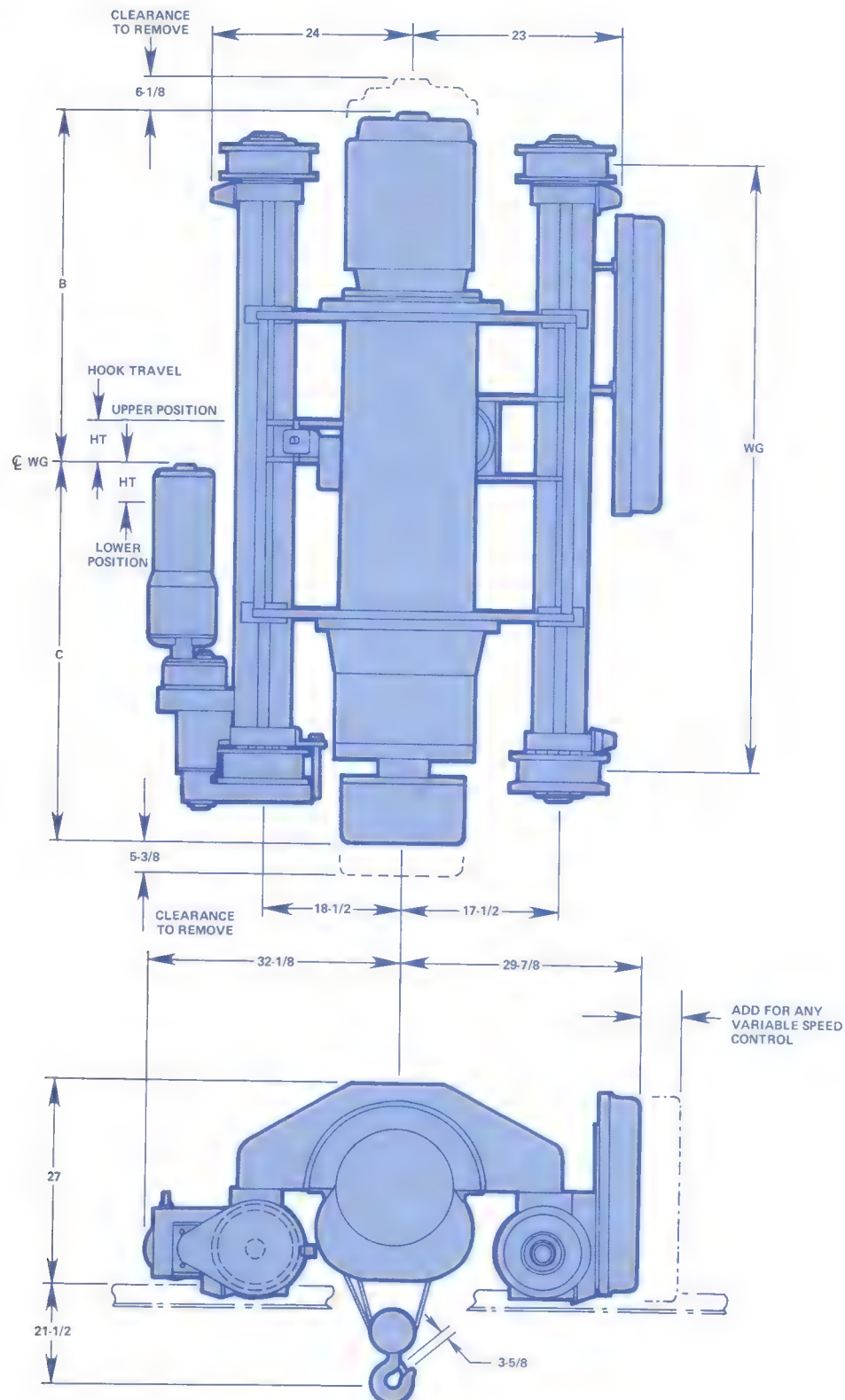
34-29 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**

4 PART SINGLE REEVING - 3/4"

**20  
TON**

Wheel Dia. 8



See facing page for additional dimensions. All dimensions shown in inches.

#### PRODUCT NUMBERS AND CLEARANCES

Lift in Feet	Hoist Suspension	Lifting Speed					
		Hoist Control	10	10-5	10	15	20
		HP	Single Speed	Two Speed	Variable Speed	Variable Speed	Variable Speed
			15 *	15-7-1/2 **	15 *	20	25
<b>H3</b>	Motorized - 70 FPM SS Motorized - 140 FPM SS	B				3623920	3623970
		C				3623940	3623990
		WG				40-5/8	42-1/8
						44-1/4	44-1/4
						78	78
<b>H4</b>	Motorized - 70 FPM SS Motorized - 140 FPM SS	B	3623770	3623820	3623870		
		C	3623790	3623840	3623890		
		WG	39-3/8	40-7/8	40-5/8		
			44-1/4	44-1/4	44-1/4		
			78	78	78		
<b>H3</b>	Motorized - 70 FPM SS Motorized - 140 FPM SS	B				3624170	3624220
		C				3624190	3624240
		WG				43-5/8	45-7/8
						47-1/4	47-1/4
						78	78
<b>H4</b>	Motorized - 70 FPM SS Motorized - 140 FPM SS	B	3624020	3624070	3624120		
		C	3624040	3624090	3624140		
		WG	42-3/8	43-7/8	43-5/8		
			47-1/4	47-1/4	47-1/4		
			78	78	78		
<b>H3</b>	Motorized - 70 FPM SS Motorized - 140 FPM SS	B				3624420	3624470
		C				3624440	3624490
		WG				49-5/8	51-1/8
						53-1/4	53-1/4
						78	78
<b>H4</b>	Motorized - 70 FPM SS Motorized - 140 FPM SS	B	3624270	3624320	3624370		
		C	3624290	3624340	3624390		
		WG	48-3/8	49-7/8	49-5/8		
			53-1/4	53-1/4	53-1/4		
			78	78	78		
<b>H3</b>	Motorized - 70 FPM SS Motorized - 140 FPM SS	B				3624670	3624720
		C				3624690	3624740
		WG				55-5/8	57-1/8
						59-1/4	59-1/4
						96	96
<b>H4</b>	Motorized - 70 FPM SS Motorized - 140 FPM SS	B	3624520	3624570	3624620		
		C	3624540	3624590	3624640		
		WG	54-3/8	55-7/8	55-5/8		
			59-1/4	59-1/4	59-1/4		
			96	96	96		

All dimensions in inches.

#### TROLLEY DATA:

Speed	70 FPM	140 FPM
HP	1-1/2-900 RPM	3-1800 RPM

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

Two speed trolleys are available at 140/47 FPM using 1800/600 RPM trolley motor.

\*1200 RPM hoist motor.

\*\*1200/600 RPM hoist motor.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

**WARNING:** Modifications to upgrade, rerate, or otherwise alter the hoist equipment shall be authorized only by the original equipment manufacturer or qualified professional engineer.

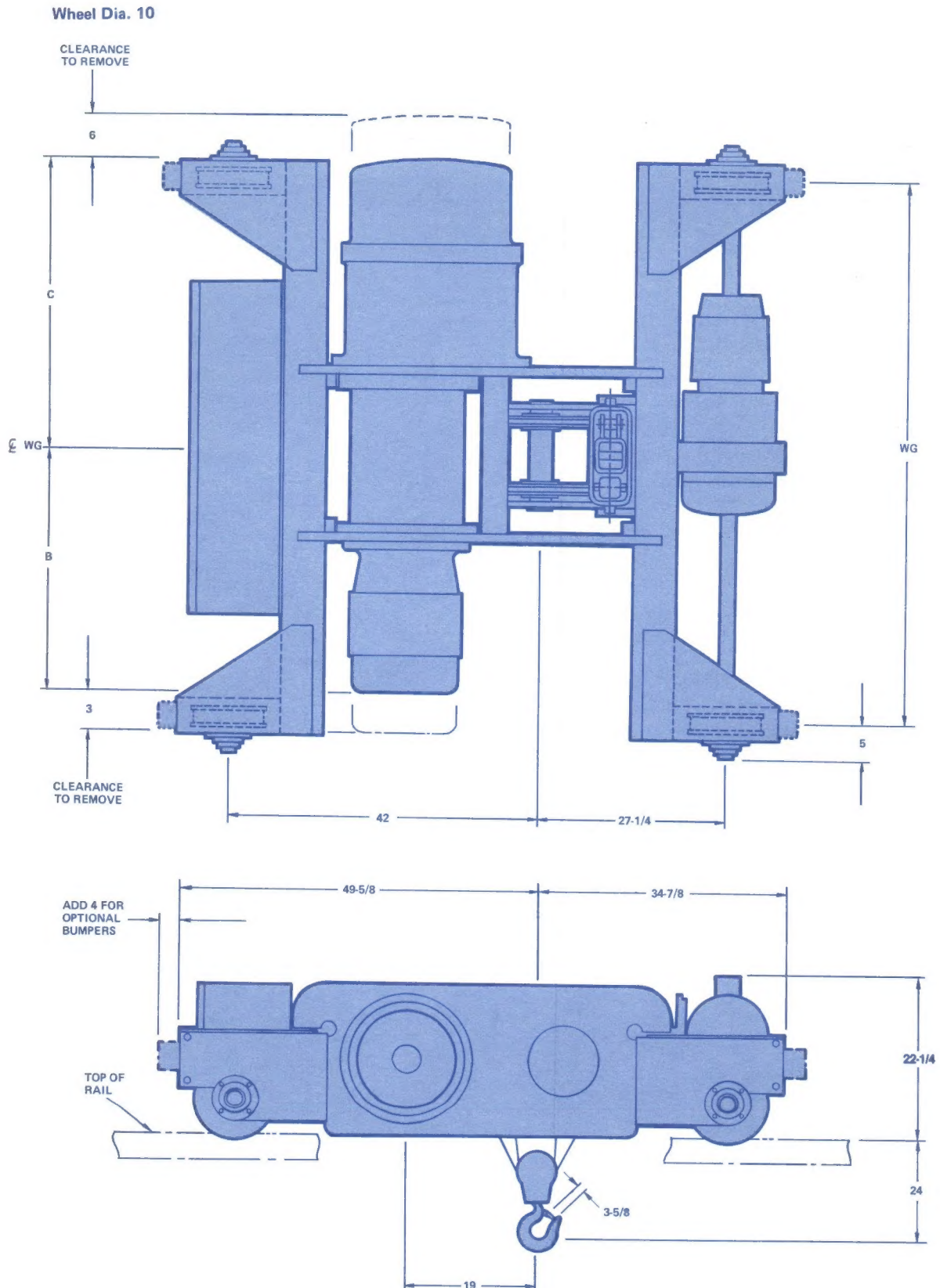


**WORK-RATED®**  
**ELECTRIC HOISTS**  
34-31 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**

**4 PART DOUBLE REEVING - 9/16"**

**20  
TON**



See facing page for additional dimensions. All dimensions shown in inches.



**25 & 30**  
**TON****TOP RUNNING TROLLEY HOIST****6 PART DOUBLE REEVING - 1/2"**

34-32

**PRODUCT NUMBERS AND CLEARANCES**

Lift in Feet	Hoist Suspension	Lifting Speed	10	13
		Hoist Control	Variable Speed	Variable Speed
		HP	20	25
<b>H3</b>	22	Motorized - 60 FPM SS	3670010	3670020
		Motorized - 95 FPM SS	3670030	3670040
		B	49-5/8	51-1/8
		C	53-1/4	53-1/4
		WG	60	60
<b>H3</b>	29	Motorized - 60 FPM SS	3670050	3670060
		Motorized - 95 FPM SS	3670070	3670080
		B	55-5/8	57-1/8
		C	59-1/4	59-1/4
		WG	78	78

All dimensions in inches.

**TROLLEY DATA:**

Speed	60 FPM	95 FPM
HP	1-1/2-1800 RPM	2-1800 RPM

Single and two speed trolley is supplied with ACM control.

Four rubber bumpers are furnished as standard.

All two speed trolley motors are 1800/600 RPM.

Rail gage (Beam spacing of the crane) must match wheel gage of the top running trolley hoist based on lift and drum length.

All speeds based on 60 hertz.

**WARNING:** Equipment described herein is not designed for, and should not be used for, lifting, supporting, or transporting humans. Failure to comply with any one of the limitations noted herein may result in serious bodily injury.

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**WORK-RATED®  
ELECTRIC HOISTS**

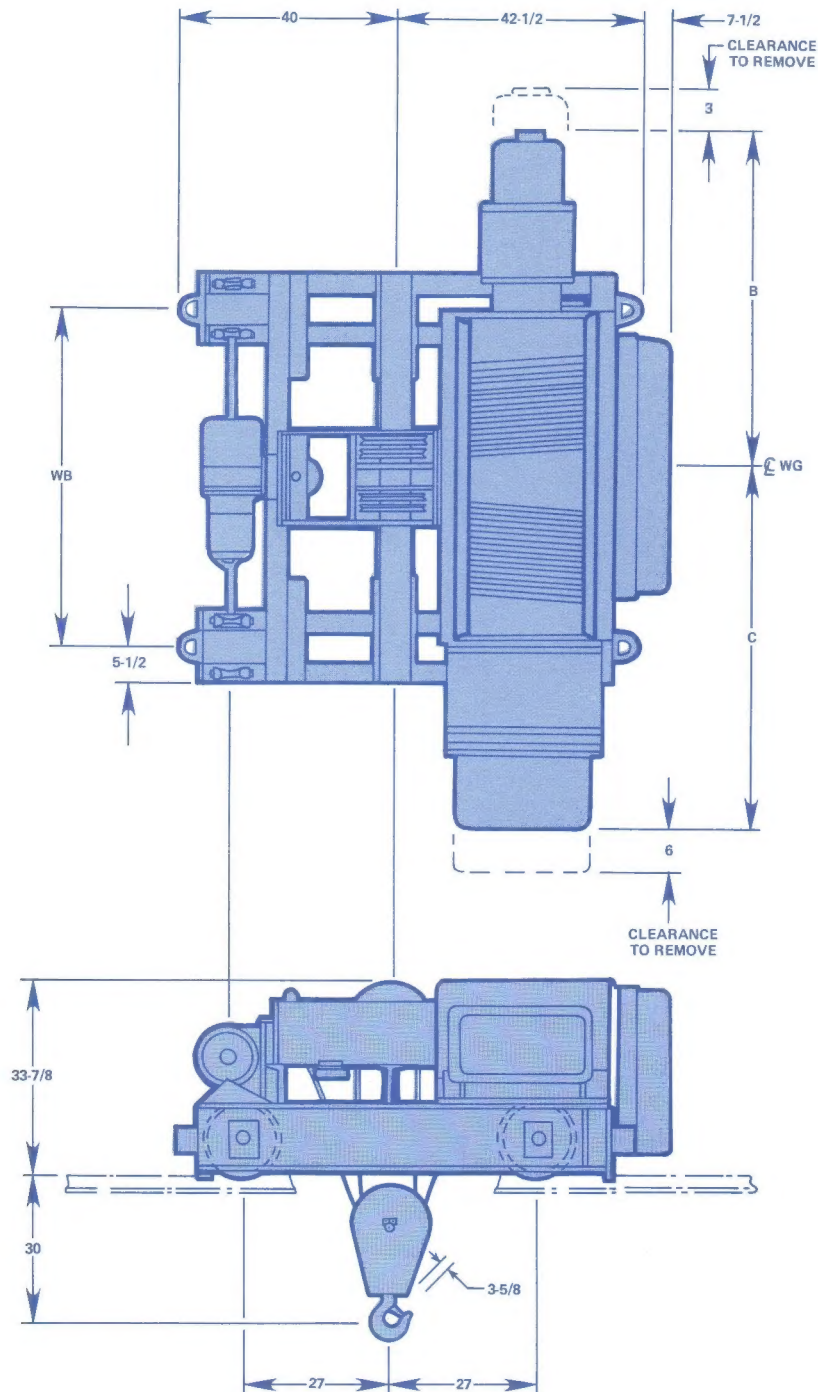
34-33 Issued 6-1-86

**TOP RUNNING  
TROLLEY HOIST**

6 PART DOUBLE REEVING - 1/2"

**25 & 30  
TON**

Wheel Dia. 12



See facing page for additional dimensions. All dimensions shown in inches.



## **Material Handling Group**

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